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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

U. S. Patent No.: 6,592,238

Title: ILLUMINATION DEVICE FOR SIMULATION OF NEON LIGHTING

Issued: July 15, 2003

Inventors: Cleaver et al.

Attorney Docket No.: 0232W/00008-U

Certificate  
AUG 07 2003  
of Correction

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on July 29, 2003.

Name Memorie Stofferahn  
Signature Memorie Stofferahn

**REQUEST FOR CERTIFICATE OF CORRECTION**  
**PURSUANT TO 35 U.S.C. § 255 AND 37 C.F.R. § 1.323**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Commissioner:

Please find enclosed a Certificate of Correction (Form PTO/SB/44) for the above-identified U. S. Patent to correct errors of a typographical nature and/or mistakes of minor character. Such errors and mistakes occurred in good faith, do not involve new matter or new issues not previously considered by the Examiner, and should not require a reexamination.

The fee of \$100.00 required by 37 C.F.R. § 1.20(a) is enclosed herewith.

Please issue a Certificate of Correction as specified on the attached Certificate and as set forth in further detail below:

In the Claims:

14. The illumination device of claim 3 wherein the light emitting diodes have housings arranged in ~~an~~ inverted positions with respect to said light receiving surface.
23. The illumination device of claim 2 including a light transmitting spacer member positioned between said light source and said light receiving surface and in ~~an~~ a substantially abutting relationship with said light source.
25. An illumination device for simulating neon lighting, comprising:
  - a light transmitting member of a predetermined length having a substantially curved front surface and a light receiving lateral surface, said member being comprised of a material that has both optical waveguide and light scattering properties that preferentially scatters light entering said light receiving surface into an elongated light intensity pattern on said light emitting surface with a major axis extending along said predetermined length;
  - a housing having spaced side walls abutting said light receiving lateral surface and defining a volume extending along said predetermined length of said light transmitting member, said side walls having light reflecting interior surfaces and a light absorbing exterior surfaces; and

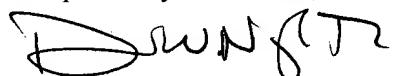
a multiplicity of spaced point light sources housed within said volume and extending along said predetermined length, said spaced point light sources positioned a distance from said curved front surface sufficient to allow a light intensity pattern from each of said point light sources to overlap neighboring light intensity patterns so that the light intensity pattern collectively emitted from said front surface appears uniform.

32. The illumination device of claim 28 in which said LEDs are flashed in successive groups along the length of ~~the~~ a first string thereby simulating movement.

33. The illumination device of claim 30 in which said LEDs of said first string are alternatively positioned along the length of said housing with said LEDs of ~~said~~ a second string.

35. The illumination device of claim 31 in which said LEDs of ~~said~~ a first string emit a different color of light from the LEDs of said second string.

Respectfully submitted,



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UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTIONPATENT NO. : 6,592,238 *R2*DATED : July 15, 2003 *and*

INVENTOR(S) : Mark Joseph Cleaver, Eric Olav Eriksson, George R. Hulse

It is certified that error appears in the above-identified patent and that said Letters Patent  
is hereby corrected as shown below:

In the claims:

- In column 11, ~~claim 14~~, line 19, delete "an" between "in" and "inverted". *X*
- In column 11, ~~claim 23~~, line 48, replace "an" with "a". *X*
- In column 12, ~~claim 25~~, line 11, delete the word "a" so line reads "interior  
surfaces and light absorbing exterior surfaces". *X*
- In column 12, ~~claim 32~~, line 42, replace "the" with "a". *X*
- In column 12, ~~claim 33~~, line 45, replace "of said second" with "of a second". *X*
- In column 12, ~~claim 35~~, line 53, replace "of said first" with "of a first". *X*

## MAILING ADDRESS OF SENDER:

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PATENT NO. 6,592,238

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This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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